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APPLICATION NO.	FILI	NG DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/696,160	10/28/2003		Michael F. Zona	D/A3099	7626	
25453	7590	12/17/2004		EXAMINER		
PATENT DO		GRAINGER, QUANA MASHELL				
100 CLINTO		ART UNIT	PAPER NUMBER			
ROCHESTER	•	644 ´	2852			

DATE MAILED: 12/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Application No. Applicant(s) ZONA, MiCHAEL F.									
## Defice Action Summary Examiner Quana Grainger 2852		Application No.	Applicant(s)						
Quana Grainger Z852		10/696,160	ZONA, MICHAEL	F.					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address − Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a), in no event, however, may a reply be timely filed in the period for reply specified above is less than 18ty (50) days, a reply within the statubory pricional to reply specified above is less than 18ty (50) days, a reply within the statubory pricional to reply specified above is less than 18ty (50) days, a reply within the statubory pricional to reply specified above, the maximum statubory period will be parted for reply specified above, the maximum statubory period will be parted or reply specified above is less than 18ty (50) days, a reply within the statubory may reply and will explicate the replication to become ABANDORED (35 U.S.C. § 13.5). Fallules to reply within the stor of extended parients for reply will, by statulation as the statulory pricional property of the statulation of the statulation of the making date of this communication, reven if timely filed, may reduce any cannot provide any statulation and provided any statulation and provided any statulation and provided any statulation and provided any statulation. 1) Responsive to communication(s) filed on	Office Action Summary	Examiner	Art Unit						
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2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-8 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some Older of the priority documents have been received in Application No. 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of Dratsperson's Patent Drawing Review (PTO-948) of Notice of Informal Patent Application (PTO-152)	Status								
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Art Unit: 2852

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 10-28-2003 has been considered by the examiner.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1 and 8 recite a contact roll member that does not contact. Please clarify.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 5. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Kunzmann et al. (5,613,173). The contact roll member by Kunzmann et al. teaches a clipped oscillating voltage signal for the contact roll.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kunzmann et al. in view of Sato et al. (6,778,797). Kunzmann et al. teaches a clipped ac input for a charging roll. Kunzmann et al. does not teach a non-contact contact roll.

Sato et al. teaches a non contact roll for charging. It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the teaching of Kunzmann et al. with a non-contact roll such as taught by Sato et al. to reduce strobing (Kunzmann et al.; column 3, lines 5-9).

Prior Art of Record

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Facci et al. teaches pertinent prior art.

Contact Information

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quana Grainger whose telephone number is 571-272-2135. The examiner can normally be reached on M-F 7-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Arthur Grimley can be reached on 571-272-2136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Quana Grainger

Primary Examiner

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